

Presentation No. Ten

CHARACTERISTICS AND APPLICATION OF LICORICE

PRODUCTS IN THE TOBACCO INDUSTRY

Mr. Pramathesh Vova

^{REWS}
MacANDERSON AND FORBES

Available: Transcript - Yes
Pre-conference Excerpt - Yes

The short excerpt will probably satisfy the layman with a mild interest of the licorice product role in flavoring/wetting and harmonizing tobacco smoke. The talk was from the 12 pages of subject matter and 28 pages of graphs, charts, etc. of the written transcript. Some interesting facts: The licorice plant, which has been in use for 4000 years, is not cultivated but taken from the wild; the most popular species is found in Europe and Asia between the 30th and 45th parallels of north latitude, from Spain in the West to China in the East; the optimum age for harvesting is four years; only the root is used; some of the root system is left and that removed will gradually be replaced. Mr. Vova goes into detail about shredding, extract removal, drying and storing of the final product. He also describes in detail various steps in determining the quality of the final product, which, because of its complex chemical make-up (100 compounds), cannot be artificially produced. For more details about sugars, starch, and ash content; viscosity etc., read the transcript.

Presentation No. Eleven

MODERN MOISTURE ANALYZERS

Mr. W. M. Pease Jr.

MOISTURE SYSTEMS CORP.

Available: Transcript - Yes
Pre-conference Excerpt - No

Mr. Pease explained why current moisture control based on gravimetric techniques (which I must assume means weight sampling) is unsatisfactory. Equipment varies from convenient but not very accurate to cumbersome but extremely accurate. Apparently dependent on random sampling, these systems cannot guarantee continuity. New systems involving electrical conductivity changes, microwaves, or nuclear gauges, also fell short of the ideal. He explained how Moisture Systems near infrared analyzers, called Quadra-Beam, with a new version known as Micro Quad 8000 will be more accurate, user friendly relative to calibration, and cost effective.

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